

L16 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1999:810714 CAPLUS  
DN 132:70828  
TI A new surface-enhanced Raman scattering substrate based on silver nanoparticles in sol-gel  
AU Volkan, M.; Stokes, D. L.; Vo-Dinh, T.  
CS Advanced Monitoring Development Group, Oak Ridge National Laboratory, Oak Ridge, TN, 37831-6101, USA  
SO Journal of Raman Spectroscopy (1999), 30(12), 1057-1065  
CODEN: JRSPAF; ISSN: 0377-0486  
PB John Wiley & Sons Ltd.  
DT Journal  
LA English  
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD  
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L16 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1998:668464 CAPLUS  
DN 129:292735  
TI On the use of SNMS for the manufacture control of Ag colloid containing sol-gel films on glass  
AU Bock, W.; Kutsch, B.; Kopnarski, M.; Oechsner, H.  
CS Institute Surface Thin Film Analysis IFOS, University Kaiserslautern, Kaiserslautern, D-67663, Germany  
SO Materials Science Forum (1998), 287-288 (Trends and New Applications of Thin Films), 407-410  
CODEN: MSFOEP; ISSN: 0255-5476  
PB Trans Tech Publications Ltd.  
DT Journal  
LA English

L16 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1997:754991 CAPLUS  
DN 128:29248  
TI Electric properties of Pb(Zr<sub>0.52</sub>Ti<sub>0.48</sub>)O<sub>3</sub> thin films prepared by sol-gel processing  
AU Paik, Dong Soo; Shin, Hyun Yong; Choi, Hyung Wook; Park, Yong Wook; Yoon, Seok Jin; Park, Chang Yub  
CS Department Electrical Engineering, Yonsei University, Seoul, 120, S. Korea  
SO Ferroelectrics (1997), 200(1-4), 185-195  
CODEN: FEROA8; ISSN: 0015-0193  
PB Gordon & Breach Science Publishers  
DT Journal  
LA English

L16 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1997:654266 CAPLUS  
DN 127:338673  
TI Silver-doped sol-gel films as the substrate for surface-enhanced Raman scattering  
AU Lee, Yuan-Hsiang; Dai, Sheng; Young, Jack P.  
CS Chemical and Analytical Sciences Division, Oak Ridge National Laboratory, Oak Ridge, TN, 37831-6142, USA  
SO Journal of Raman Spectroscopy (1997), 28(8), 635-639  
CODEN: JRSPAF; ISSN: 0377-0486  
PB Wiley  
DT Journal  
LA English

L16 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1997:611922 CAPLUS

DN 127:300888  
 TI Enhancement of second-order harmonic generation in polarized BaTiO<sub>3</sub> thin films embedded with Ag nanoparticles  
 AU Zhou, Ji; Li, Longtu; Gui, Zhilun; Zhang, Xiaowen; Moulding, K. M.; Barber, D. J.  
 CS Department Materials Science Engineering, Tsinghua University, Beijing, 100084, Peop. Rep. China  
 SO Chinese Science Bulletin (1997), 42(15), 1319-1320  
 CODEN: CSBUEF; ISSN: 1001-6538  
 PB Science Press  
 DT Journal  
 LA English

L16 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2003 ACS  
 AN 1996:184544 CAPLUS  
 DN 124:203648  
 TI Electrochemical Growth of Polyaniline in Porous Sol-Gel Films  
 AU Verghese, M. M.; Ramanathan, Kumaran; Ashraf, S. M.; Kamalasanan, M. N.; Malhotra, B. D.  
 CS Biomolecular Electronics and Conducting Polymer Research Group, National Physical Laboratory, New Delhi, 110 012, India  
 SO Chemistry of Materials (1996), 8(4), 822-4  
 CODEN: CMATEX; ISSN: 0897-4756  
 PB American Chemical Society  
 DT Journal  
 LA English

L16 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2003 ACS  
 AN 1995:624900 CAPLUS  
 DN 123:243827  
 TI Effect of top metalization on the fatigue and retention properties of sol-gel PZT thin films  
 AU Teowee, G.; Baertlein, C. D.; Kneer, E. A.; Boulton, J. M.; Uhlmann, D. R.  
 CS Donnelly Corp., Tucson, AZ, 85712, USA  
 SO Integrated Ferroelectrics (1995), 7(1-4), 149-60  
 CODEN: IFEREU; ISSN: 1058-4587  
 DT Journal  
 LA English

L16 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2003 ACS  
 AN 1995:423883 CAPLUS  
 DN 122:271838  
 TI Methyltriethoxysilane-derived sol-gel coatings doped with silver metal particles

L16 ANSWER 20 OF 20 NTIS COPYRIGHT 2003 NTIS  
AN 1988(19):01873 NTIS Order Number: DE88011492/XAB  
TI Planarization of Metal Substrates for Solar Mirrors.  
AU Ashley, C. S.; Reed, S. T.; Mahoney, A. R.  
CS Sandia National Labs., Albuquerque, NM.  
NR Sponsor: Department of Energy, Washington, DC. (068123000 9511100)  
DE88011492/XAB; SAND-88-0234C, CONF-8804114-4  
4p; 1988  
NC Contract(s): AC04-76DP00789  
DT Report  
CY United States  
LA English  
NTE Better ceramics through chemistry III, Reno, NV, USA, 5 Apr 1988.  
AV Portions of this document are illegible in microfiche products. Order  
this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers);  
(703)605-6000 (other countries); fax at (703)605-6900; and email at  
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L17 0 L12 AND (DELWIN JACKSON OR LELAND CLOSE)

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L12 906 L1

=> s 12

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L13 471 L2

=> s 13

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7 FILES SEARCHED...

L14 0 L3

=> s 113 and 14

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FIELD CODE - 'AND' OPERATOR ASSUMED 'HEAT) (P) DISTORTIO'  
7 FILES SEARCHED...

L15 14 L13 AND L4

=> d 1-14

L15 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:786341 CAPLUS

DN 137:375727

TI Respective efficiencies of nuclear collisions and electronic excitations  
for precipitating Ag clusters in sol-gel films

AU Pivin, J. C.

CS IN2P3-CNRS, CSNSM, Orsay Campus, F-91405, Fr.

SO Nuclear Instruments & Methods in Physics Research, Section B: Beam  
Interactions with Materials and Atoms (2002), 195(3-4), 302-308

CODEN: NIMBEU; ISSN: 0168-583X

PB Elsevier Science B.V.

DT Journal

LA English

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ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:613678 CAPLUS

TI Silver-doped sol-gel film  
developed by molecular recognition for detection of radionuclides by  
surface enhanced raman spectroscopy

AU Bao, Lili; Mahurin, Shannon; Dai, Sheng

CS Chemical Science Division, Oak Ridge National Laboratory, Oak Ridge, TN,  
37831-2008, USA

SO Abstracts of Papers, 224th ACS National Meeting, Boston, MA, United  
States, August 18-22, 2002 (2002), ANYL-163 Publisher: American Chemical  
Society, Washington, D. C.

CODEN: 69CZPZ

DT Conference; Meeting Abstract

LA English

L15 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:254604 CAPLUS

DN 136:393983

TI Synthesis and interface structure of sol gel YBa2Cu3Ox thin films for  
conductor development

AU Shi, Donglu; Xu, Yongli; Wang, S. X.; Wang, L. M.; McClellan, Shaun M.

CS Department of Materials Science and Engineering, University of Cincinnati,  
Cincinnati, OH, 45221-0012, USA

SO Materials Research Society Symposium Proceedings (2001),  
659(High-Temperature Superconductors--Crystal Chemistry, Processing and

Properties), II6.4/1-II6.4/6

CODEN: MRSPDH; ISSN: 0272-9172

PB Materials Research Society

DT Journal

LA English

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD